

SHUTTLE



HONDA

The versatile Shuttles.



In an age where lifestyles depend so much on a need for versatility, the Honda Shuttle is able to meet the greatest of demands. Whether you require a large amount of interior space or whether you need a vehicle that can take you virtually anywhere you want to go at any time, the Shuttle is the answer you've been looking for. With an extra-large capacity, versatile seating, a powerful 1.5 litre 12-valve engine, increased visibility, and including the newly-introduced Real-Time 4WD with viscous coupling, the Shuttle and Shuttle 4WD offer unbeatable versatility.



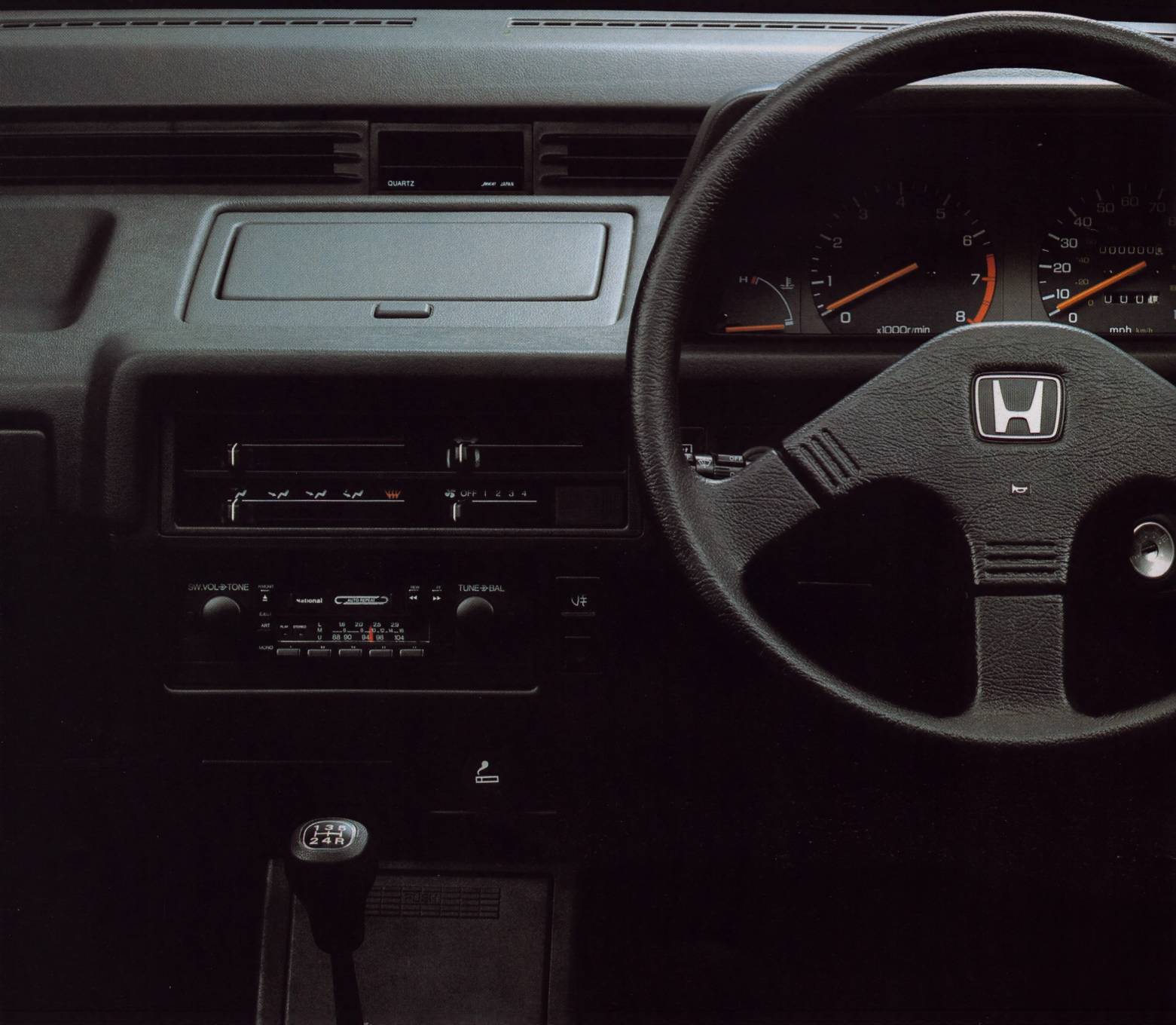
Intelligent Real-Time 4WD



The new Shuttle Real-Time 4WD brings a new level of road-gripping performance to driving. It combines the advantages of front-wheel drive and four-wheel drive by ensuring optimum traction at all times to handle changing road conditions, through a smooth, stepless and completely automatic Viscous Coupling mechanism. This Viscous Coupling transfers torque to the rear wheels in "real time" whenever the front wheels begin to lose traction due to ice, snow and gravel etc.



A feeling of command on
all roads, at all speeds.



The instant you slip into the driver's seat, you get an impression of complete control. The distinctive 3-spoke steering wheel allows at-a-glance monitoring of the instruments. What is more the instruments themselves are designed to be easy to read. You can feel the Shuttle engine's power and response on the straight, on every curve and in city stop-and-go driving.



Centre Console

The centre console unit blends in with the dash facia.



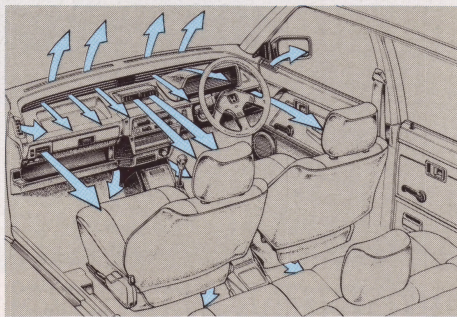
Handy Glove Box

For storing small items such as maps and cassettes.

**Multi-functional style
and comfort.**



Honda ingenuity is evident throughout the interior. This extremely comfortable saloon has versatility designed into every component. The multi-variable seat arrangements, for example: The front seats fully recline; the rear seat is 3-way reclinable and has split collapsible seatbacks. The high roof provides plenty of headroom, even for very tall people and offers a surprisingly large cargo capacity.



Wide-flow ventilation.

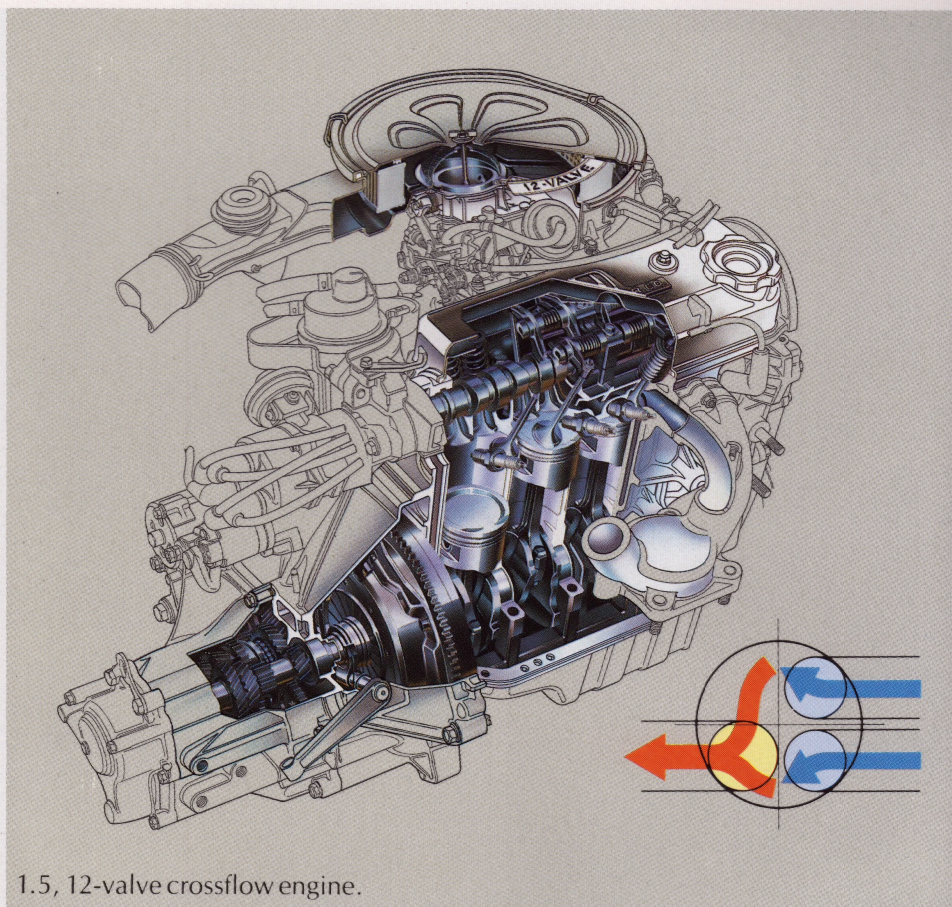
A four-speed heating/ventilation system keeps the Shuttle's interior comfortable in most climatic conditions. A useful centre vent "pops up" for a more concentrated flow whenever needed.



Remote hatchback opener.

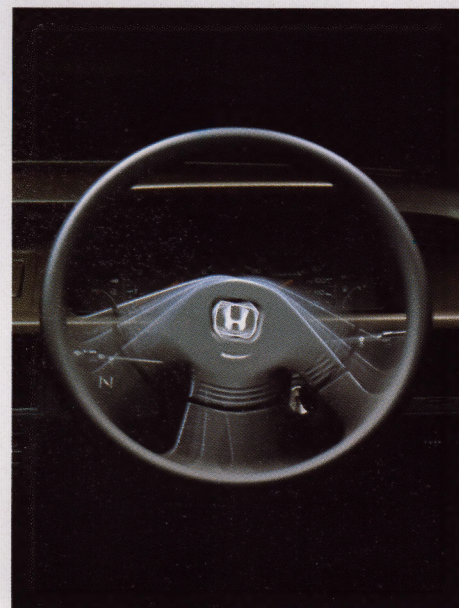
Conveniently located on the side of the driver's seat, the hatchback release switch will release the lock for opening.

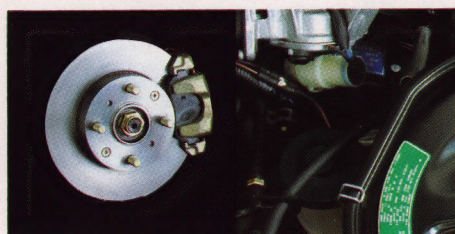
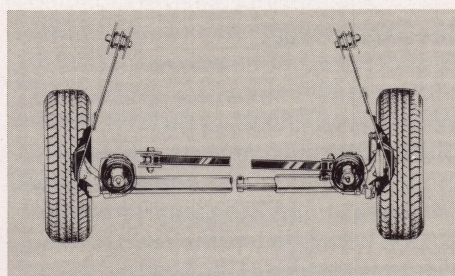
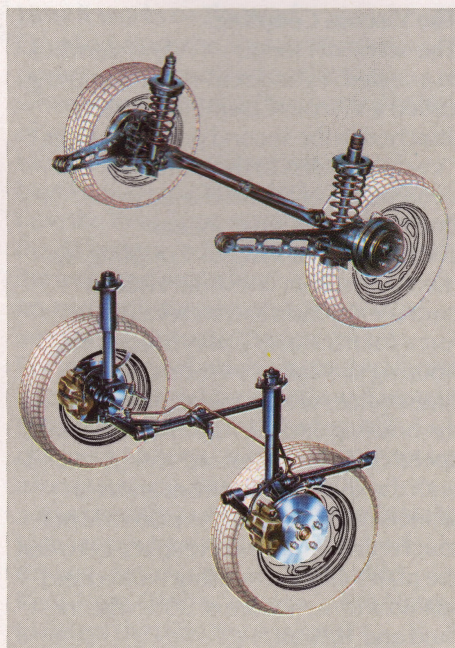
Honda Shuttle engineering.



1.5, 12-valve crossflow engine.

HONDAMATIC





Front hydraulic discs.

Perfect balance.

Engine, brakes, steering, transmission and suspension are all finely tuned to bring a new kind of motoring enjoyment to Shuttle owners. Running light or running loaded. In foul weather or fair, the Shuttle is engineered to make the best of any driving situation.

State-of-the-art. 1.5 litre engine.

The Shuttle's proven 1.5 litre engine is a crossflow, 12-valve unit. It represents a major advance in engineering technology and certainly warrants closer inspection.

How do you get a power output of 85PS and a torque of 12.8kg.m, keep petrol consumption low, yet still manage to keep the engine small and compact? The secret is in the engine's highly efficient, crossflow intake and exhaust system combined with its 12-valve design: three valves per cylinder — two intake valves and one larger exhaust valve. The system gives the compactness of a 2-valve configuration and output closer to that of a 4-valve engine. What's more, the Shuttle's 1.5-litre engine has a cylinder bore size of 74mm and stroke of 86.5mm to produce top intake efficiency for this bore size.

The entire engine, together with its component parts, has been designed with an eye to weight reduction and long life. A trochoid oil pump connected directly to the crankshaft, and a water pump driven off the timing belt combine with the engine's other main components to enhance its durability as well as to reduce vibration and noise.

Searching tests were conducted to determine the ideal exhaust pipe diameter and length for the most efficient exhaust and intake performance. Together with the Shuttle's dual exhaust manifold, the complete system has helped to increase the engine's torque and output performance considerably.

High-performance suspension.

The Civic Shuttle has a suspension system that provides the comfortable ride one expects from a high quality saloon. Extra light and compact, this suspension has torsion-bar struts with a stabilizer in front and a trailing-link type beam with a stabilizer in the rear. Since the front suspension incorporates anti-dive geometry and the rear is designed for anti-lift, braking stability is excellent.

Five-speed manual transmission.

For those who prefer to change gear themselves, the Shuttle boasts a five-speed manual transmission designed to match the engine's horsepower and torque. Gear changing is light and positive and is facilitated by the short throw gear lever for fast and smooth changes.

Hondamatic four-speed, fully-automatic transmission.

The effortless transmission of smooth, economical power is a satisfying experience thanks to the lockup torque converter employed with the compact and convenient four-speed Hondamatic transmission. The lockup mechanism works effortlessly to combine the advantages of manual transmission with those of automatic. The result: silky smooth acceleration, quieter cruising and more miles to the gallon.

Specification

Specification		Shuttle		Shuttle RT 4WD	
Engine					
Type	Water-cooled 4-stroke OHC 12-valve in-line 4-cylinder transversely mounted				
Bore & Stroke	74 x 86.5mm				
Displacement	1.488cm ³				
Compression ratio	8.7:1				
Maximum horsepower (DIN)	85PS / 6000rpm				
Maximum torque (DIN)	12.8kg-m / 3500rpm				
Drive wheels	Front		Front/rear		
Transmission					
Clutch	Manual	Dry single plate, diaphragm spring			
	Hondamatic	Torque converter with lockup clutch		—	
Transmission type	Manual	Synchronmesh five forward speeds, one reverse		Synchronmesh five forward speeds with SL (Super Low) and one reverse	
	Hondamatic	4-speed fully automatic		—	
Gear ratios	Manual	1st	3.181	SL	4.469
		2nd	1.823	1st	3.166
		3rd	1.181	2nd	1.894
		4th	0.846	3rd	1.240
		5th	0.714	4th	0.896
		Reverse	2.916	5th	0.750
		Final	4.266	Reverse	3.000
		Final	4.266	Final	4.466
	Hondamatic	1st	2.500	—	—
		2nd	1.500	—	—
		3rd	0.969	—	—
		4th	0.729	—	—
		Reverse	1.954	—	—
		Final	3.933	—	—
Steering System					
Gear type	Rack and pinion				
Overall ratio	19.0		20.3		
Turns, lock-to-lock	4.11		4.16		
Brake System					
Type	Front	Hydraulic servo-assisted discs		Hydraulic servo-assisted ventilated discs	
	Rear	Hydraulic servo-assisted leading / trailing shoe drums			
Brake circuit	Diagonal dual circuit (Proportioning Control Valve)				
Parking brake	Mechanical expanding, rear two wheel brakes				
Suspension System					
Front	Torsion-bar strut with stabilizer			Torsion-bar strut	
Rear	Trailing-link type beam with stabilizer			4-link with Pan hard rod and coil spring	
Dimensions					
Overall length	3900mm			4080mm	
Overall width				1650mm	
Overall height				1510mm	
Wheelbase				2450mm	
Track (front / rear)				1390 / 1420mm	
Ground clearance				177mm	
Curb weight	Manual	895kg		985kg	
	Hondamatic	915kg		—	
Maximum permissible weight	1365kg			1440kg	
Electrical System					
Battery	NS60S				
Ignition	Full electronic transistorized				
Generator	12V-55Ah				
Headlights	12V-60/55W				
Tyres					
Size	165 SR 13				
Temporary spare tyre	●				
Wheels					
Size	4.5J x 13				
Others					
Fuel tank capacity	46 litres				
Fuel Consumption mpg*	Man	Auto		Man	
Urban cycle	33.2	34.4		30.7	
56mph	47.9	47.9		43.5	
75mph	35.3	35.3		31.4	
Turning circle diameter at body	10m	10m		10.2m	
Seating capacity	5				

* Official Government Fuel Consumption Figures.

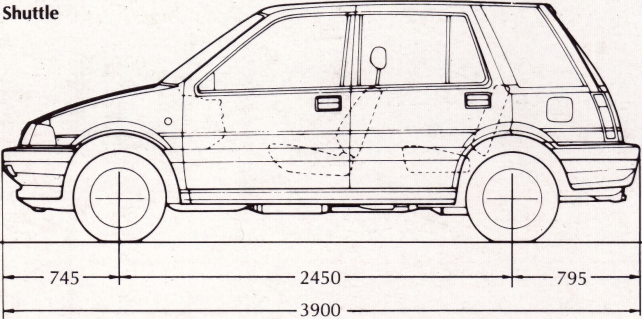
Major Equipment

Shuttle

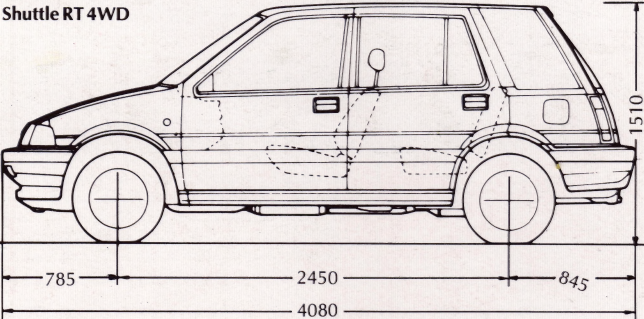
Shuttle RT 4WD

Exterior		
Polypropylene bumpers		•
Side protection mouldings		•
Laminated windshield glass		•
Tinted glass windows		•
Roof-end stabilizer (Body-coloured)		•
Door control door mirror (Both sides)		•
Wheel covers (Centre)		—
RT 4WD body stickers		—
Front mud flaps		•
Rear mud flaps		—
Radio aerial		•
Interior		
Fully reclining front seats with headrest		•
Rear reclining seat		•
Folding separated rear seatback		•
Multi-variable seat arrangements		•
Rear headrests		•
Seatbelts	Front (3-point EIR x 2)	•
	Rear (2-point manual x 3)	•
Floor console box		•
Front Door pocket (Driver's side)		•
Heater (with front/side demister)		•
Rear heater ducts		•
Remote hatchback opener		•
Child-proof rear door locks		•
Rear parcel shelf		•
Instrumentation		
Tachometer		•
Odometer, tripmeter		•
Fuel gauge, water temperature gauge		•
Warning lamps (Turn signal, high beam brake oil, engine oil, battery charge, hazard, hatchback, etc.)		•
Cigarette lighter and ashtray		•
Coin pocket, glove box		•
Digital clock		•
3-band stereo radio/cassette player		•
Electrical System		
Illumination (Interior, luggage compartment)		•
Halogen headlights		•
"Headlight-on" reminder		•
Rear foglights		•
Windshield wipers (2-speed and intermittent wiper and one-touch mist mode)		•
Rear wiper		•
Rear window demister		•

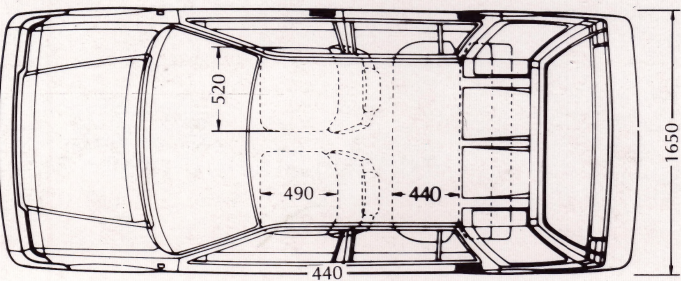
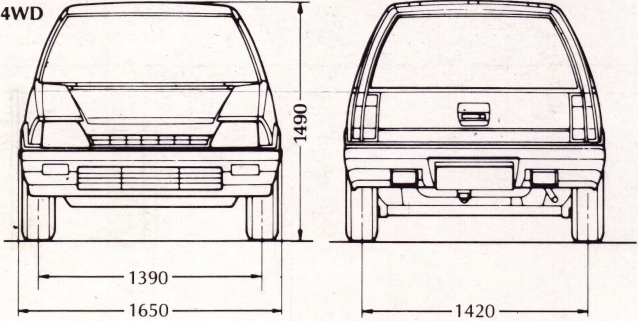
Shuttle



Shuttle RT 4WD



RT 4WD





Your Honda Shuttle Dealer

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